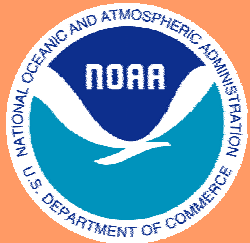


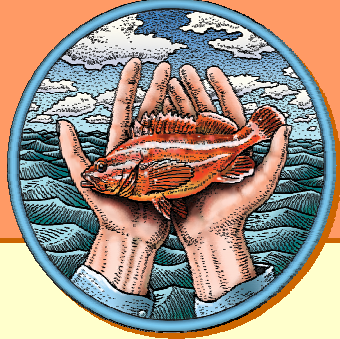


# Regional Fishery Management Council Workshop



**Vice Admiral Conrad C. Lautenbacher, Jr., U.S. Navy (Ret.)**  
Under Secretary of Commerce for Oceans & Atmosphere/NOAA

October 19, 2004



# Ocean Commission Report

## Highlights from the Final Report

Establish a National Ocean Council in the Executive Office of the President chaired by an assistant to the President

Create a non-federal Presidential Council of Advisors on Ocean Policy

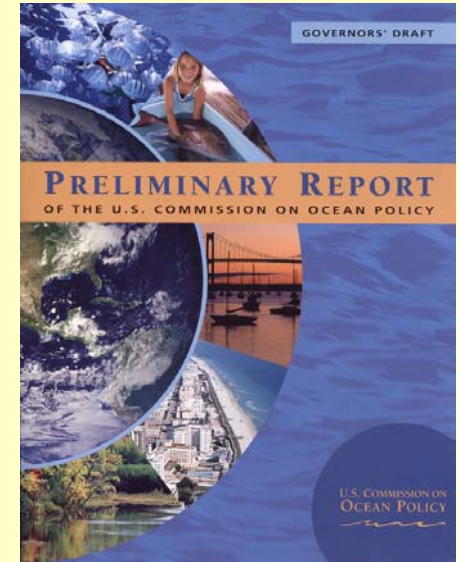
Strengthen NOAA and improve federal agency structure

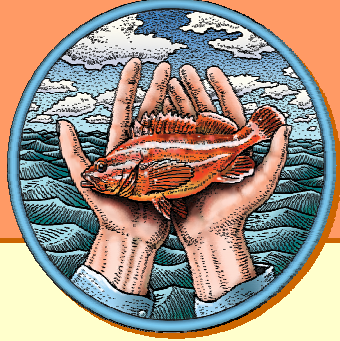
Develop a flexible, voluntary process for creating regional ocean councils, facilitated and supported by the States and National Ocean Council

Double U.S. investment in ocean research

Implement the national Integrated Ocean Observing System (the report noted the importance of our work in GEO and stated support for a successful conclusion to our efforts)

Increase attention to ocean education





# Ocean Commission Report

## Highlights (continued):

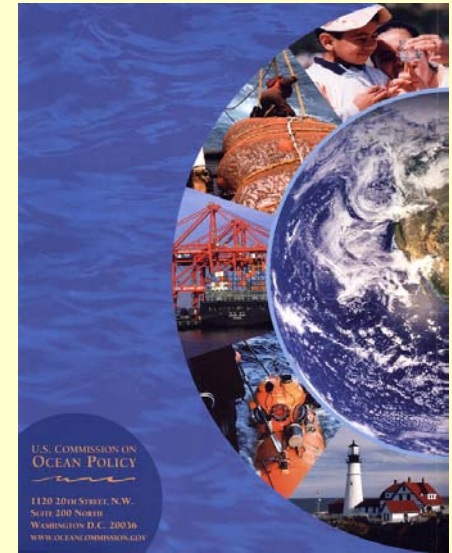
Strengthen the link between coastal and watershed management

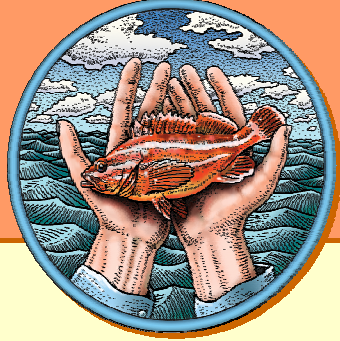
Create measurable water pollution reduction goals, particularly for nonpoint sources, and strengthen incentives, technical assistance and other management tools to reach those goals

Reform fisheries management by separating scientific assessment and allocation, improving the Regional Fishery Management Council system, and exploring the use of dedicated access privileges

Accede to the United Nations Convention on the law of the sea

Establish an Ocean Policy Trust Fund based on revenue from offshore energy activity and other new and emerging offshore uses to pay for implementing the recommendations



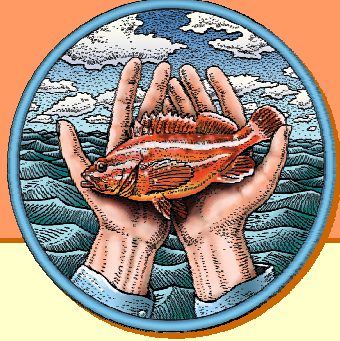


# NOAA's Mission

To understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.







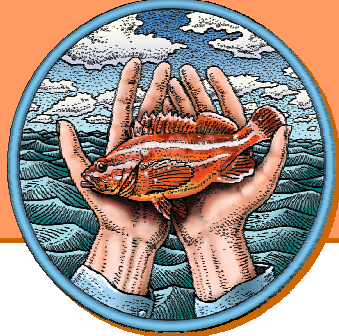
# NOAA's Mission Goals

Protect, restore, and manage the use of coastal and ocean resources through **ecosystem management**

Understand **climate variability and change** to enhance society's ability to plan and respond

Serve society's needs for **weather and water information**

Support the Nation's **commerce** with information for safe, efficient, and environmentally sound **transportation**



# NOAA Operational Organization

## NOAA Program Manager List

September 7, 2004

### Ecosystems Jack Dunnigan (NMFS)

Habitat Rollie Schmitt (NMFS)

Corals David Kennedy (NOS)

Coastal & Marine Resource Management Doug Brown (NOS)

Protected Species Management Laurie Allen (NMFS)

Fisheries Management Galen Tromble (NMFS)

Aquaculture Michael Rubino (NMFS)

Enforcement Dale Jones (NMFS)

Ecosystem Observation Systems Steve Murawski (NMFS)

Ecosystem Research Leon Cammen (OAR)

### Climate

### Chet Koblinsky (OAR)

Climate Observations & Analysis Tom Karl (NESDIS)

Climate Forcing Dan Albritton (OAR)

Climate Predictions & Projections Ants Leetmaa (OAR)

Climate & Ecosystems Ned Cyr (NMFS)

Regional Decision Support Bob Livezey (NWS)

### Weather & Water

### Frank Kelly (NWS)

Local Forecasts and Warnings Greg Mandt (NWS)

Coasts, Estuaries, and Oceans Paul Scholz (NOS)

Space Weather Ernie Hildner (OAR)

Hydrology - Rivers, Lakes and Floods Gary Carter (NWS)

Air Quality Jim Meagher (OAR)

Environmental Modeling Fred Toepfer (NWS)

Weather Water Science, Technology, and Infusion Program Marty Ralph (OAR)



# NOAA Operational Organization

## Commerce & Transportation

Marine Transportation Systems

Aviation Weather

Marine Weather

Geodesy

NOAA Emergency Response

Commercial and Remote Sensing Licensing

Surface Weather

**Charlie Challstrom (NOS)**

Rich Edwing (NOS)

Kevin Johnston (NWS)

David Feit (NWS)

Dave Zilkoski (NOS)

David Kennedy (NOS)

Michael Hales (NESDIS) [A]

Amy Holman (NWS) [A]

## Organizational Excellence, Infrastructure & Support

### Satellite Services Sub-goal

Geostationary Satellite Acquisition

Polar Satellite Acquisition

Satellite Services

### Fleet Services Sub-goal

Aircraft Replacement

Fleet Replacement

Marine Operations and Maintenance

Aircraft Services

### Leadership Sub-goal

NOAA Headquarters

Line Office Headquarters

Homeland Security

### Mission Support Sub-goal

Administrative Services

Financial Services

Workforce Management

Acquisitions and Grants

IT Services

Facilities

**Colleen Hartman**

Gary Davis (NESDIS)

John Cunningham (NESDIS)

Richard Barrazotto (NESDIS)

**Elizabeth White (NMAO)**

Elizabeth White (NMAO)

Elizabeth White (NMAO)

Elizabeth White (NMAO)

Elizabeth White (NMAO)

**Mitchell Luxenberg (NOS)**

George White (USAO)

Mitchell Luxenberg (NOS)

Phil Kenul (CIO)

**William Broglie (Deputy)  
Susan Sutherland (CAO)**

William Broglie (CAO)

Sandra Walters (CFO)  
Stephen L. Smith (CFO) [A]

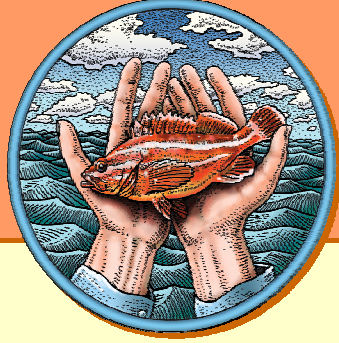
Barbara Boyd (WFM)

Bob Stockman (CAO)

John Villemarette (CIO)

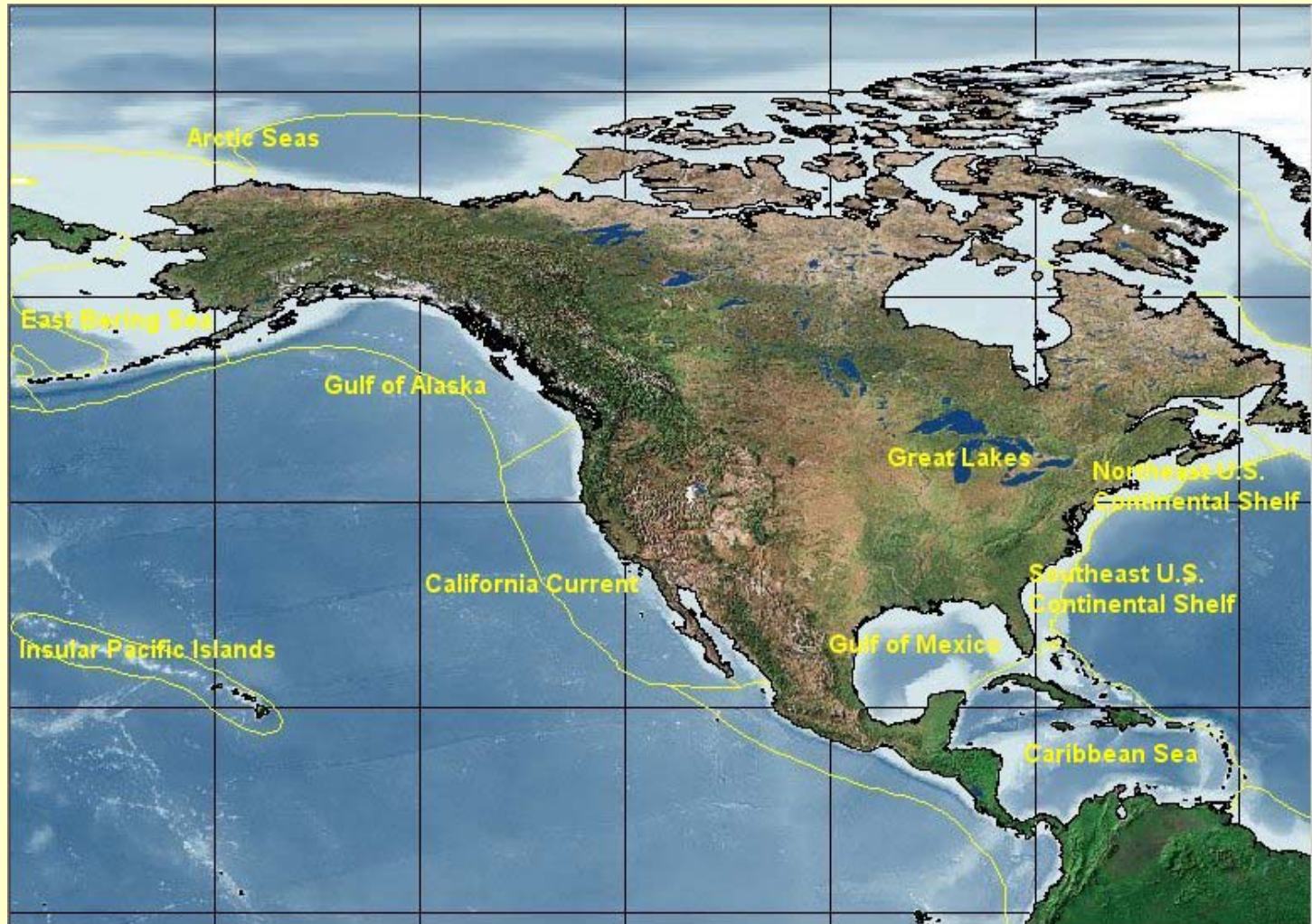
William Broglie (CAO)

<https://www.ppbs.noaa.gov/>

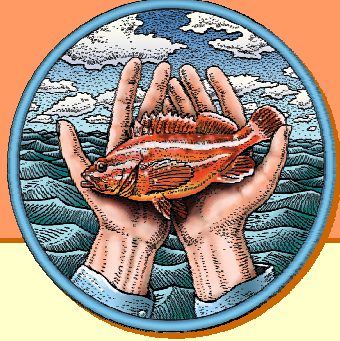


# Background: Large Marine Ecosystems

10 Regional Ecosystems based on LMEs

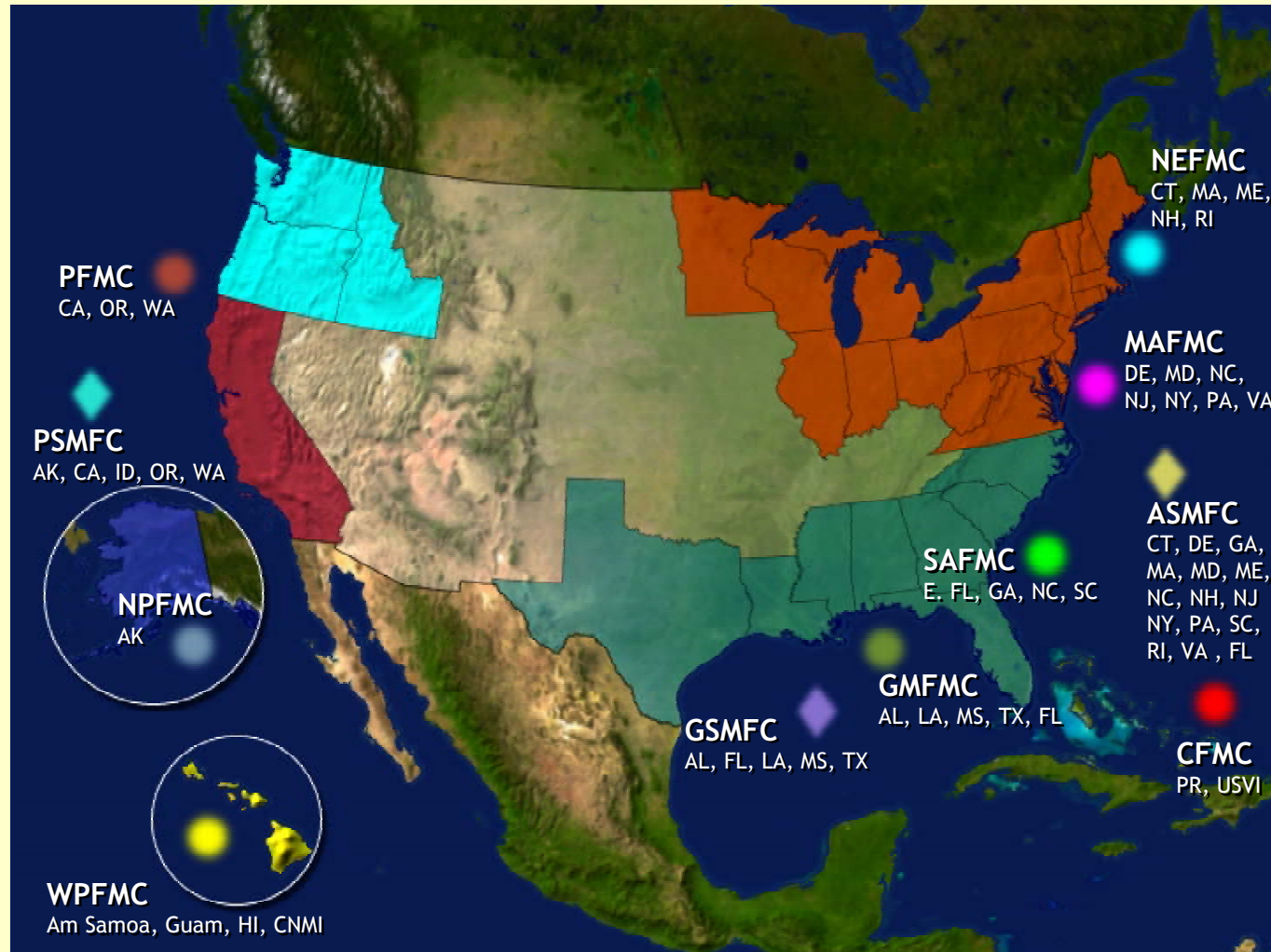




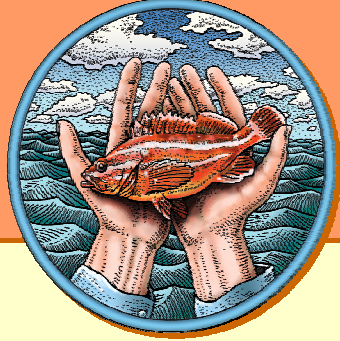


# NOAA Fisheries Regions

- Northwest
- Southwest
- Alaska
- Northeast
- Southeast
- Pacific



● = Fisheries Management Council    ◆ = Marine Fisheries Commission



# Ecosystem Definitions

An **ecosystem** is a geographically specified system of organisms (including humans), the environment, and the processes that control its dynamics

**Ecosystem** approach to management:

- Adaptive

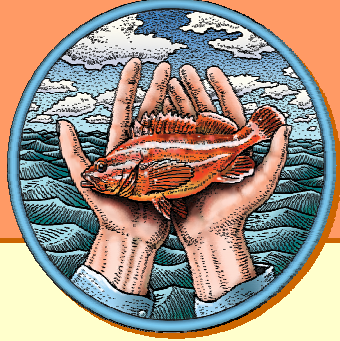
- Regionally directed

- Takes account of ecosystem knowledge

- Takes account of uncertainty

- Considers multiple external influences

- Strives to balance diverse societal objectives



# U.S. Contribution to GEOSS

## VISION:

*Enable a healthy public, economy, and planet through an integrated, comprehensive, and sustained Earth observation system.*

## National Plan

Public comment period until November 8, 2004

Electronic comments only

Available at <http://iwgeo.ssc.nasa.gov/>

Send to [iwgeo.comments@noaa.gov](mailto:iwgeo.comments@noaa.gov)

Early 2005 Workshop

## Establish Formal USG Mechanism

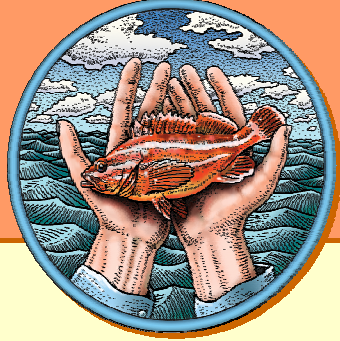
Capable of committing necessary resources and implementing functions

**Strategic Plan**  
for the U.S. Integrated Earth Observation System

prepared by the  
Interagency Working Group on Earth Observations



of the Committee on Environment and Natural Resources



# Living Marine Resources (LMR) and IOOS

LMR and Ecosystem Surveys

Protected Resource Surveys

National Observer Program

Habitat Assessments

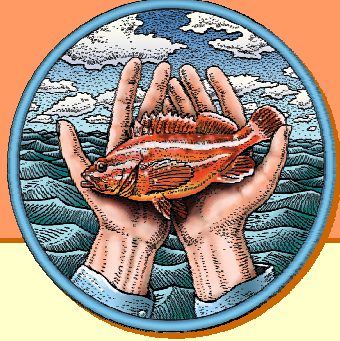
Commercial Fisheries Statistics

Marine Recreational Fisheries

Statistics Survey







# Summary

Convergence of regional management approaches, ecosystem based management & ocean observation systems will advance coastal and ocean resource management

A collaborative effort will capitalize on current interest and attention